

Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford (RL-0040)

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***Reduced Pressure Backflow
Assembly (RPBA) recently installed
on Project L-399, T Plant Potable
and Raw Water Line Replacement***



***Hydrogen Course at HAMMER
Burn Prop***

Overview

This section addresses the Closure Services and Infrastructure/Reliability Projects and HAMMER portions of Project Baseline Summary (PBS) RL-0040, *Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford*. NOTE: Unless otherwise noted, all information contained herein is as of the end of August 2009.

Top FY 2009 Accomplishments

Closure Services and Infrastructure

- Completed installation of a potable water system at 609 Fire Station 91 (L-645, *609 Fire Station 91 Potable Water System*).
- Completed refurbishment of a section of existing potable water distribution system in the 200 East Area which furnishes water from the Water Treatment Plant north to B-Plant, which then forms a loop to the Hot Semi Works, the 200 East Tank Farm facilities, and the Waste Treatment Plant (Project L-449, *Mortar Line 12-Inch Water Line – Baltimore*).
- Completed L-658, *Construct 2 Salt/Sand Sheds in 200 East and 300 Area*, which protects stockpile of salt and sand used on road surfaces during winter months to mitigate snow and ice conditions.
- Completed L-614, *Repeater Sites Safety Renovations*, which included extending the useful life of four buildings and their related systems and equipment used to shelter and provide a controlled environment required to operate Hanford Site radios and telecommunications.
- Received two cranes and three ambulances.

HAMMER

- Met the challenge of housing 100 bargaining unit employees who were displaced by turnover of contracts at Hanford in the fall of 2008. As part of Fluor Hanford's Site Resources Pilot Project (SRPP), the employees were offered a central job location and training at HAMMER while they awaited job openings for particular skills on site.
- Completed construction activities on the new storage building adjacent to the Al Alm Building in November 2008, followed by the completion of the newly constructed State Department Building in March 2009. The completion of these buildings provide for much needed additional classroom space. Training props and materials that were once stored in the Al Alm High Bay are now in the storage building. The joint HAMMER/Pacific Northwest National Laboratory Customs and Border Protection Training classes are now being held in the State Department Building, which freed four HAMMER classrooms for other training.
- Achieved the coveted one-million hours worked safely without an employee work day lost to injury in January 2009.
- Since April 27, 2009, HAMMER has recorded over 9000 individual course completions. A course completion is a training record that includes between 1 and 30 attendees, depending on the course. HAMMER/HT level of training service to Hanford Site customers continued at slightly greater than a 200% increase from the FY-2008 level due to Recovery Act hires.

Top FY 2009 Accomplishments , continued

HAMMER (Continued)

- A letter documenting the completion of Performance Incentive PBI-3 was issued on August 25. To meet the Performance Incentive, HAMMER needed to complete >80% of the scheduled Recovery Act Courses. HAMMER met this goal by completing 99.9% of the scheduled courses.
- HAMMER hosted visits from key leadership within the Department of Energy including Secretary Steven Chu, Deputy Secretary Daniel Poneman, Under Secretary of Energy Kristina Johnson and Assistant Secretary of Environmental Management Ines Triay.

Notable August Accomplishments

Closure Services and Infrastructure

- Completed definitive design and bid package preparation for L-688, *Roof Replacement for 339A and 3220 Buildings*)

HAMMER

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- A letter documenting the completion of Performance Incentive PBI-3 was issued on August 25, 2009. To meet the Performance Incentive, HAMMER needed to complete >80% of the scheduled Recovery Act Courses. HAMMER met this goal by completing 99.9% of the scheduled courses.
- HAMMER hosted visits from key leadership within the Department of Energy including Secretary Steven Chu, Deputy Secretary Daniel Poneman, Under Secretary of Energy Kristina Johnson and Assistant Secretary of Environmental Management Ines Triay.

Schedule/Cost Performance (\$M)

Nuclear Facility D&D, Remainder of Hanford	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (FY09)
Current Period (Month)	\$3.7	\$2.8	\$1.2	-\$1.0	-26.0%	\$1.5	56.0%	\$19.4
Fiscal Year to Date	\$19.4	\$18.6	\$17.1	-\$0.9	-4.4%	\$1.5	7.9%	\$19.4

Numbers are rounded to the nearest \$0.1M.

Schedule/Cost Performance (\$M), continued

FYTD Schedule Performance (-\$0.9M/-4.4%):

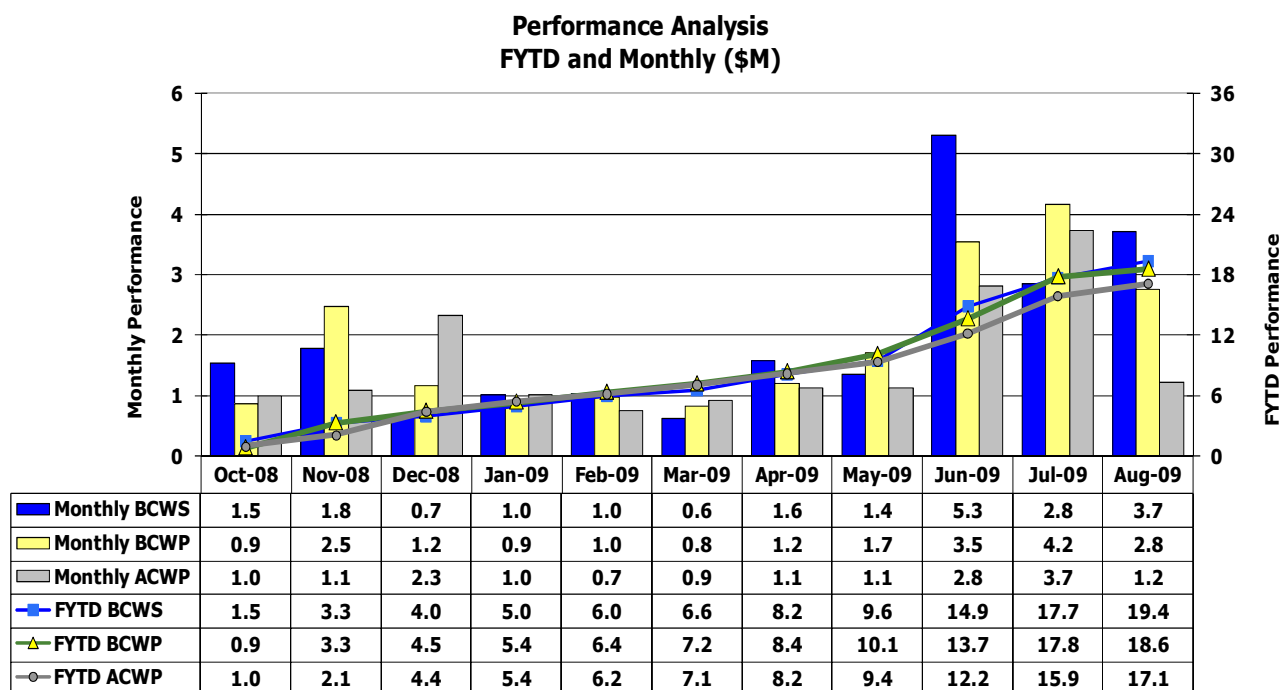
The favorable schedule variance is primarily due to:

- Variance due to late start of design for the new HAMMER General Plant Project, *T-220 Health and Safety Building*.

FYTD Cost Performance (+\$1.5M/+7.9%):

The favorable cost variance is primarily due to:

- Favorable contract bids for Project L-399, *T Plant Potable and Raw Water Line Restoration*, Project L-658, *Contract Two Salt/Sand Sheds*, Project L-673, *Safety Enhancements 400 Area Facilities*, and the use of an alternative approach for completing Project L-645, *609 Fire Station 91 Potable Water System*.
- The Facilities Information Management System [FIMS] and the Condition Assessment System [CAS] is being completed with fewer resources; favorable bid for Ten-Year Site Plan; and reduced number of requests for Land Management support to date;
- A delay in receipt of cost for material procurements recently ordered, and HAMMER revenue receipts being higher than planned.
- Company level overhead credit passbacks.



Milestone Achievement

There are no *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) milestones assigned for completion by PBS RL-0040 this fiscal year.